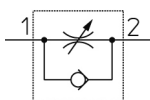


Universal - AS*3*1F AS1301F-M5-06

Datasheet

General series information

- Port Size: M3, M5, 10-32 UNF, 1/8, 1/4, 3/8, 1/2
- Applicable Tubing O.D.: Ø 3.2 to Ø 12 mm and Ø 1/8" to Ø 1/2"
- Operating Pressure Range: 0.1 to 1 MPa.

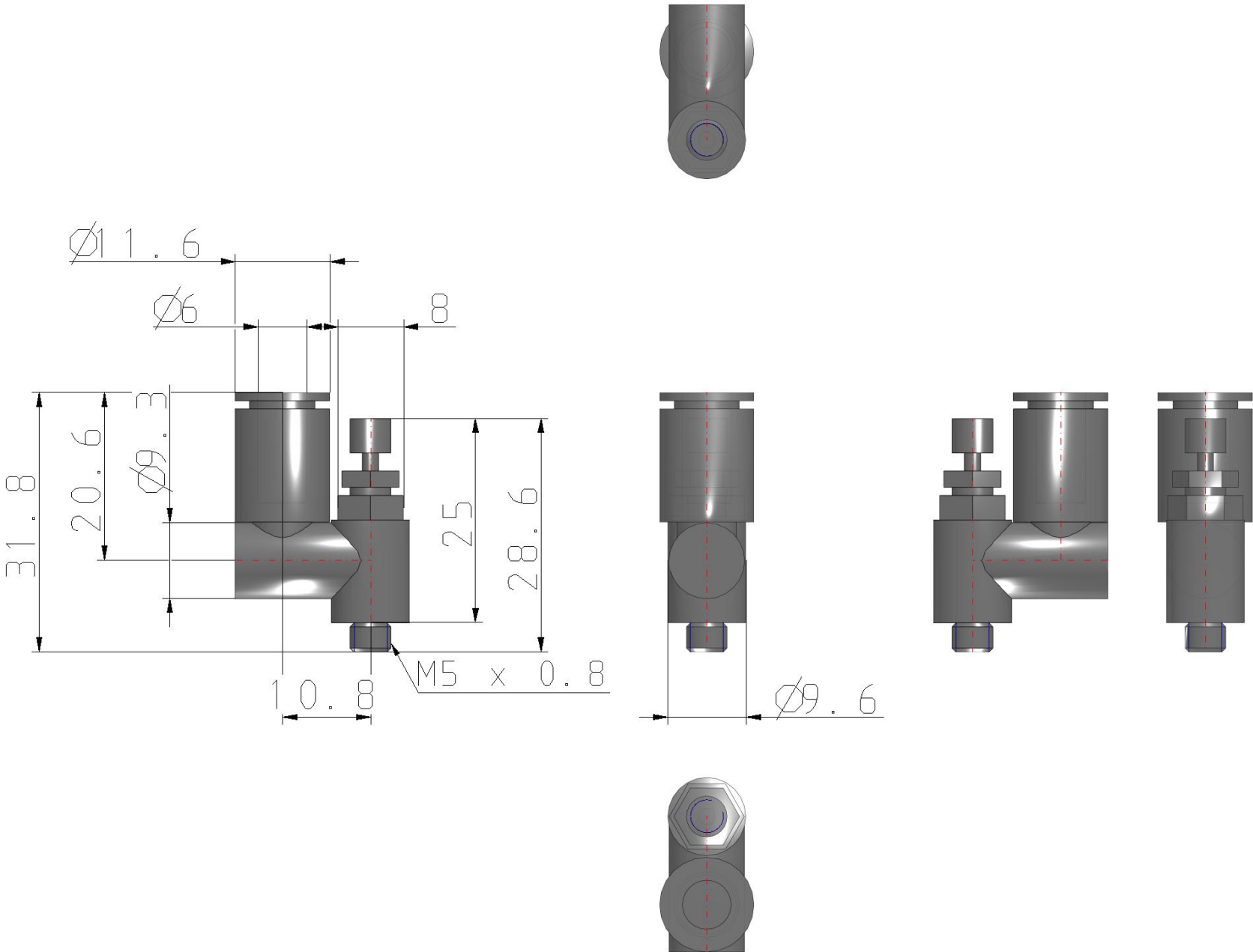


Flow control valve, adjustable, with reverse free flow

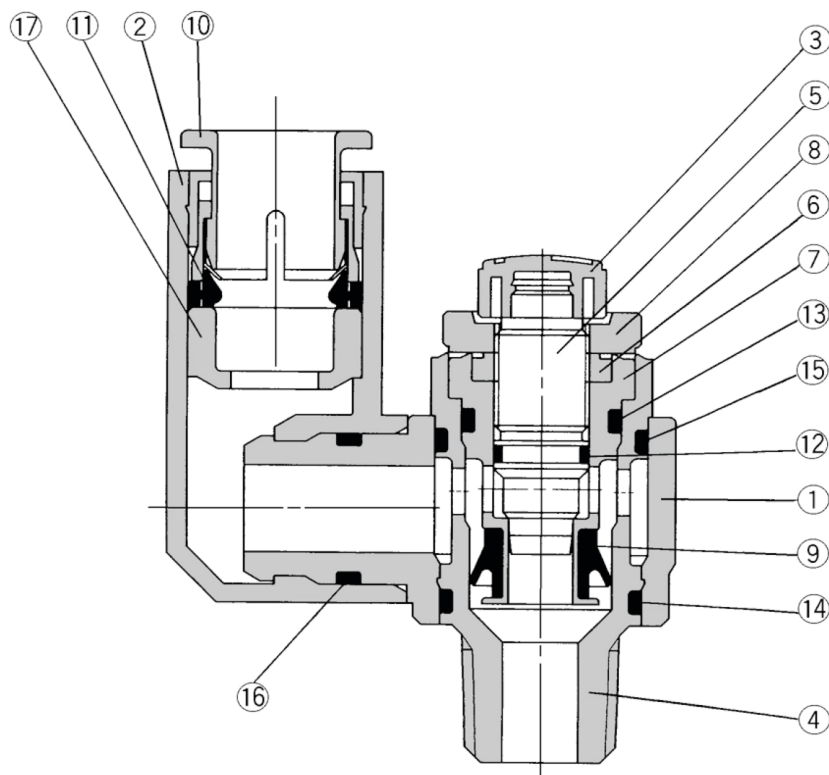
Standard specifications

Size	13 (M3, M5 Basis)
Control Method	0 (Meter-out)
Port Size and Tube Size	M5-06 (Port Size M5 - Tube Size ø6)
Option	None
Fixed Orifice	None
Made to Order	None
Lock Nut	Standard (Hexagon)
Pressure medium	Air
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.1 MPa
Proof pressure	1.05 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-5 °C
Applicable tubing material	Nylon, Soft nylon, Polyurethane
Weight	0.007 Kg

Dimensions



Constructions



Component Parts

No.	Description	Material	Note
①	Body A	PBT	
②	Elbow body	PBT	
③	Handle	PBT	
④	Body B	Brass ⁽¹⁾	Electroless nickel plated
⑤	Needle	Brass	Electroless nickel plated
⑥	Needle guide	Brass	Electroless nickel plated
⑦	Seat ring	Brass	See Note 2
⑧	Lock nut	Steel	Zinc chromated ⁽³⁾
⑨	U-packing	HNBR	
⑩	Cassette	POM, Stainless steel	
⑪	Packing	NBR	
⑫	O ring	NBR	
⑬	O ring	NBR	
⑭	O ring	NBR	
⑮	O ring	NBR	
⑯	O ring	NBR	
⑰	Spacer	POM	

Note 1) AS13□1F-M3: Stainless

Note 2) AS23□1F, AS33□1F-02: Electroless nickel plated

Note 3) Meter-in type: Black zinc chromated

Additional information

Catalogue

[AS_2-3_1F-A_EU.pdf](#)